

HOME ENTERTAINMENT SYSTEM

ABSTRACT OF THE DISCLOSURE

5 A home entertainment system has a switching matrix having supply ports  
that are connected to a plurality of TV tuners and at least one video camera. Each  
TV tuner demodulates a high frequency carrier signal to provide a specific channel  
10 to a supply port. Control signals that change the channel output of each TV tuner  
are transmitted upstream from the supply port to a corresponding TV tuner. The  
switching matrix has consumer ports that connect to terminals with consumer  
devices such as TV monitors located in different rooms of the home, each terminal  
receiving a signal of baseband frequency (no demodulation required) that may  
15 represent a television channel or a camera view and each terminal having a  
control that delivers signals to the consumer port to select a TV channel or select  
the camera. The switching matrix enables different ports to be coupled together,  
so that, for example, a camera in baby's room can be coupled to a television  
monitor in another room. All of the TV tuners and the switching matrix are located  
in the hub that lies in one room of a home, while the monitors are in different  
rooms, and the distribution of signals around the system takes place at baseband  
frequencies.